



**Integral Firing Device (IFD)**

The Integral Firing Device (IFD) is an all-in-one, disposable shock tube firing system used in close-quarter breaching. The system is complete, eliminating the need for field-improvising. It's easy to use and has a simple set-up, minimizing time on target. The shock tube is packaged inside a sturdy plastic case and is connected to a firing device and detonator, capable of initiating all standard breaching charges.



**APPLICATION:**

The IFD provides a durable, self-contained shock tube firing assembly for tactical breaching applications.

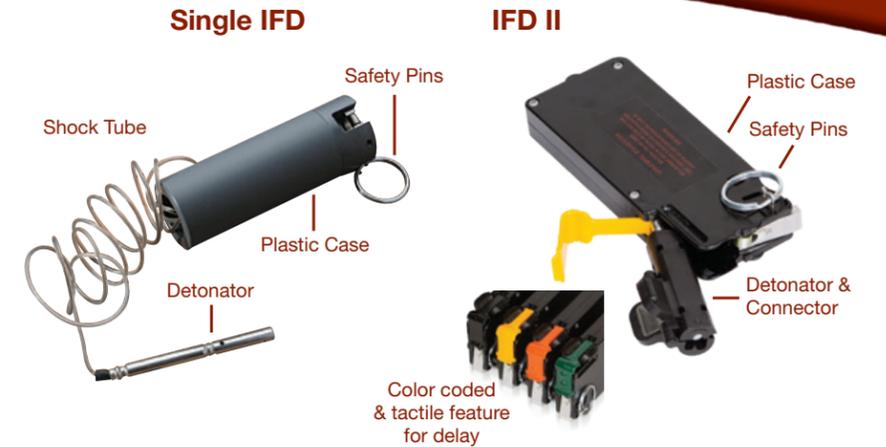
**PROPERTIES:**

- Integrated firing assembly system with detonator, shock tube, primer & initiation
- Sturdy and compact design
- Military strength detonator
- Single or dual shock tube
- 2 mm (0.085") "Minitube"
- Dual safety pins
- Tactile feature & color coded delay on IFD II

**OPERATIONAL STEPS:**

1. Remove detonator from the case
2. Connect detonator to the charge
3. Return to safe position deploying shock tube as you go
4. Remove safety pins
5. Initiate by fully rotating the firing lever back and releasing

3.8 Delay IFD - EX-2007030153  
 Instant IFD - EX-2012050582  
 Single: Detonator, Assemblies, Non-Electric UN0500, 1.4S  
 Instant DIFD - EX-2006110161  
 Dual: Detonator, Assemblies, Non-Electric UN0361, 1.4B  
 IFD-II - EX-PENDING



**INTEGRAL FIRING DEVICE (IFD)**

PRODUCT	PART NUMBER	SHOCK TUBE (COLOR)	SHOCK TUBE (MINIMUM LENGTH)		DETONATOR OUTPUT (US MILITARY GRADE)	DETONATOR (OD DIAMETER)		SAFETY FEATURE
			ft	m	delay	in	mm	
IFD	D10484-4	Single (Clear)	13	4	3.8 sec	0.296	7.5	Dual Safety Pins
IFD	D10484-7	Single (Olive Drab)	13	4	3.8 sec	0.296	7.5	Dual Safety Pins
IFD	D11417-INS-016	Single (Olive Drab)	16	5	instant	0.241	6.1	Twist and Pull
IFD	D11417-INS-050	Single (Olive Drab)	50	15	instant	0.241	6.1	Twist and Pull
DIFD	D10546-3	Dual (Clear)	25	8	instant	0.241	6.1	Dual Safety Pins
DIFD	D10546-4	Dual (Olive Drab)	25	8	instant	0.241	6.1	Dual Safety Pins
IFD-II	D11647-1	Single (Yellow)	6.5	2	3.8 sec	0.296	7.5	Dual Safety Pins
IFD-II	D11647-2	Single (Orange)	6.5	2	6.4 sec	0.296	7.5	Dual Safety Pins
IFD-II	D11647-3	Single(Olive Drab)	6.5	2	9.6 sec	0.296	7.5	Dual Safety Pins

**PACKAGING:**

IFD II - Military: Ammo Can  
 IFD & DIFD - Commercial: Fiberboard Box